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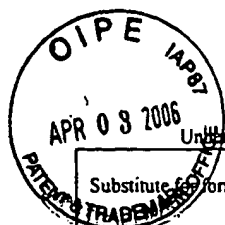
<b>Substitute for form 1449B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/848,749
		Filing Date	May 19, 2004
		First Named Inventor	Dr. Seyed A. Zekavat
		Group Art Unit	2681 2612
		Examiner Name	Not yet assigned Sam Bhattadaya
		Attorney Docket Number	066040-9763-02
Sheet	1	of	1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc. ), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
SB		United States Statutory Invention Registration No. H1606, Glenovatch et al., November 5, 1996.

Examiner Signature		Date Considered	6/10/06
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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PTO/SB/08A

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for Form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/848,749
Filing Date	May 19, 2004
First Named Inventor	Dr. Seyed A. Zekavat
Group Art Unit	<del>2688</del> 2617
Examiner Name	Bhattacharya, Sam
Attorney Docket Number	066040-9763-02

**U.S. PATENT DOCUMENTS**

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
SB	6,141,335	Kuwahara et al.	10/31/2000
	6,141,738	Munter et al.	10/31/2000
	2002/0094824	Kennedy, Jr. et al.	7/18/2002
SB	2003/0001778	Benner et al.	1/2/2003

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract

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				Group Art Unit	2681 2617
				Examiner Name	Dr. Seyed A. Zekavat — Sam Bhattaraya
Sheet	1	of	2	Attorney Docket Number	066040-9763-02

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc. ), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
Sb		PAUL SHARKE, "Smart Cars," Mechanical Engineering, March 2003, pp. 50-52
		HOSSEIN JULA, ELIAS B. KOSMATOPOULOS, and PETROS A. IOANNOU, "Collision Avoidance Analysis for Lane Changing and Merging," IEEE Transactions on Vehicular Technology, November 2000, pp. 2295-2308, Vol. 49, No. 6
		ALEXANDER KANARIS, ELIAS B. KOSMATOPOULOS, and PETROS A. IOANNOU, "Strategies and Spacing Requirements for Lane Changing and Merging in Automated Highway Systems," IEEE Transactions on Vehicular Technology, November 2001, pp. 1568-1581, Vol. 50, No.6
		KEIJI SANEYOSHI, "Drive Assist System Using Stereo Image Recognition," IEEE Intelligent Vehicle Symp., pp. 230-235, Sept. 19-20, 1996
		"Car, Open Your Eyes," Hightech Report, February 2002, pp. 24-27
		HERMANN ROHLING, MARC-MICHAEL MEINECKE, MICHAEL KLOTZ, and URS LÜBBERT, "Research Activities in Automotive Radar," IEEE MSMW 2001 Symposium Proceedings, June 4-9, 2001, pp.48-51, Kharkov, Ukraine
		MANABU SEKINE, TETSUO SENOO, IKUHIRO MORITA, and HIROSHI ENDO, "Design Method for an Automotive Laser Radar System and Future Prospects for Laser Radar," Intelligent Vehicles Symposium '92, pp. 120-125, June 29 – July 1, 1992
		STEPHEN P. REICHHART, BRUCE YOUMANS, and ROGER DYGERT, "The Software Radio Development System," IEEE Personal Communications, August 1999, pp. 20-24,
Sb		LAL. C. GODARA, "Application of Antenna Arrays to Mobile Communications, Part II: Beam-Forming and Direction-of-Arrival Considerations," PROCEEDINGS OF THE IEEE, August 1997, pp. 1195-1245, Vol. 85, No. 8.

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				Filing Date	May 19, 2004
				First Named Inventor	Dr. Seyed A. Zekavat
				Group Art Unit	2681 2617
				Examiner Name	<del>Dr. Seyed A. Zekavat</del> Sam Bhattacharya
Sheet	2	of	2	Attorney Docket Number	066040-9763-02

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SP		MERRILL I. SKOLNIK, "Introduction to Radar Systems," 1962, pp 2-3, Second Edition, McGraw-Hill, Inc., Singapore
		IMAD ELHAJJ, JINDONG TAN, YU SUN, and NING XI, "Supermedia Enhanced Human/Machine Cooperative Control of Robot Formations," Proceedings of the IEEE International Conference on Intelligent Robots and Systems EPFL, October 2002, Lausanne, Switzerland, pp. 1296-1301
		SEYED A. ZEKAVAT, "Mobile Base Station (MBS) Wireless with Applications in Vehicle Early Warning Systems," Proceedings the University of Texas at Austin 2003 Wireless Networking Symposium, Oct. 22-24, 2003
		SEYED A. ZEKAVAT, "A Novel Application for Wireless Communications in Vehicle Early Warning," IEEE Consumer Communications and Networking 2004, Las Vegas, NV, Jan. 5-8, 2004
		SEYED A. ZEKAVAT, HUI TONG, and JINDONG TAN, "A Novel Wireless Local Positioning System for Airport (Indoor) Security," Proceedings of SPIE Conference on Defense and Security 2004, April 12-16, 2004, Orlando FL
		SEYED A. ZEKAVAT, and HUI TONG, "Wireless Local Positioning System via DS-CDMA and Beamforming: A Perturbation Analysis," Submitted to IEEE Globecom04, November 29 - December 3, 2004, Dallas, TX
		COMMISSIONER MICHAEL J. COPPS, and COMMISSIONER KEVIN J. MARTIN, Revision of Part 15 of the Commission's Rules Regarding Ultra-Wideband Transmission Systems, "First Report and Order," pp. 2-118
SP		SEYED A. ZEKAVAT, JINGDONG TAN, and HUI TONG, "A Mobile Positioning System for Unmanned Vehicle Cooperation," SPIE symposium on Defense and Security, 2004

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# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

<b>Title of Invention</b>	<b>WIRELESS LOCAL POSITIONING SYSTEM</b>
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Application Number : 10/848749

Confirmation Number: 4641


First Named Applicant: Seyed Zekavat

Attorney Docket Number: 066040976302

Art Unit: ~~2681~~ 2617

Examiner: ~~David Q. Nguyen~~ Sam Bhattacharya

Search string: ( 4937795 or 5068654 or 5070334 or 5198800 or 5552772 or 5554982 or 5574469 or 5589827 or 5629689 or 5796362 or 5870215 or 5905433 or 5986562 or 6121544 or 6160493 or 6222452 or 6229445 or 6232887 or 6420996 or 6693544 or 6714120 or 6407703 or 5920287 or 5917425 or 5689238 or 5552772 or 5214409 or 5062151 or 4918432 or 4649385 or 4347501 or 3805265 or 3739329 or RE36791 or 20020143588 or 20030006878 or 20030122685 or 20030147651 or 20030149530 or 20030151524 or 20030173408 or 20040049343 ).pn



## US Patent Documents

**Note: Applicant is not required to submit a paper copy of cited US Patent Documents**

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
53	1	4937795	1990-06-26	Motegi et al.			
	2	5068654	1991-11-26	Husher			
	3	5070334	1991-12-03	Commissaire et al.			
	4	5198800	1993-03-30	Tozawa et al.			
	5	5552772	1996-09-03	Janky et al.			
	6	5554982	1996-09-10	Shirkey et al.			
	7	5574469	1996-11-12	Hsu			
	8	5589827	1996-12-31	Scurati			
	9	5629689	1997-05-13	Curwood			
	10	5796362	1998-08-18	Ayasli et al.			
	11	5870215	1999-02-09	Milano et al.			
	12	5905433	1999-05-18	Wortham			
	13	5986562	1999-11-16	Nikolich			
	14	6121544	2000-09-19	Petsinger			
	15	6160493	2000-12-12	Smith			
	16	6222452	2001-04-24	Ahlstrom et al.			
	17	6229445	2001-05-08	Wack			
53	18	6232887	2001-05-15	Carson			

*[Signature]*

6/10/06

§8	19	6420996	2002-07-16	Stopczynski et al.			
	20	6693544	2004-02-17	Hebbecke			
	21	6714120	2004-03-30	Blama et al.			
	22	6407703	2002-06-18	Minter et al.			
	23	5920287	1999-07-06	Belcher et al.			
	24	5917425	1999-06-29	Crimmins et al.			
	25	5689238	1997-11-18	Cannon, Jr. et al.			
	26	5552772	1996-09-03	Janky et al.			
	27	5214409	1993-05-25	Beigel			
	28	5062151	1991-10-29	Shipley			
	29	4918432	1990-04-17	Pauley et al.			
	30	4649385	1987-03-10	Aires et al.			
	31	4347501	1982-08-31	Akerberg			
	32	3805265	1974-04-16	Lester			
	33	3739329	1973-06-12	Lester			
§8	34	RE36791	2000-07-25	Heller			

## US Published Applications

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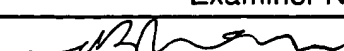
init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
§8	1	20020143588	2002-10-03	Ishigami et al.			
	2	20030006878	2003-01-09	Chung			
	3	20030122685	2003-07-03	Tuttle			
	4	20030147651	2003-08-07	Roes et al.			
	5	20030149530	2003-08-07	Stopczynski			
	6	20030151524	2003-08-14	Clark			
	7	20030173408	2003-09-18	Mosher, Jr. et al.			
§8	8	20040049343	2004-03-11	Yamadaji et al.			

## Remarks

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This is the first of one electronic submission and one paper filing submission of non-patent literature and all are considered to be part of the same, single IDS. Citation of these references is respectfully requested. No concession is made that these documents are prior art, and Applicant expressly reserves the right to antedate the documents as may be appropriate.

## Signature

Examiner Name	Date
	6/16/06